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July 30, 1965 Volume 14, Number 2

TECHNICAL TRANSLATIONS

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FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

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* Translation notes marked with an asterisk indicate the journal is also translated cover-to-cover.

01 AERONAUTICS

B. Aeronautics

TT-65-62419 Field 1B

Nikitin, B.
IN AIR TURBULENCES. 7 May 65, 8p. FTD-TT-64-1360; AD-615 993.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-615 993

Unedited rough draft trans. from Krasnaya Zvezda (USSR) 12 Jul p4 1964

D. Aircraft flight control and instrumentation

TT-65-30454 Field 1D, 9E, 16D

Bodner, V. A.
AUTOMATIC FLIGHT CONTROL THEORY. 5 Mar 65, 780p, 139 refs. JPRS-29007.
Order from CFSTI or ETC: HC$10.80, MF$3.50 as TT-65-30454

Trans. of mono. Teoriya Avtomaticheskogo Upravleniya Poletom, Moscow, p1-698 1964.

02 AGRICULTURE

A. Agricultural chemistry

TT-65-30061 Field 2A, 6C, 6O, 7A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 131. 6 Jan 65, 99p. JPRS-28136.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-30061

Trans. of 8 selected articles from Sep-Nov 64 issues of Communist Chinese journals and newspapers
Separate entries have been prepared for 4 articles.
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TT-65-30061(p2-8) Field 2A

Li, Ch'ing-ta.
PHOSPHOROUS FERTILIZERS. 6 Jan 65, 7p.
Order from CFSTI or ETC: HC$3.00, MF$0.75 in TT-65-30061(p2-8)

Trans. from Jen Min Jih Pao (Chinese People's Republic) 13 Nov p5 1964
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B. Agricultural economics

TT-65-30625 Field 2B, 2E

Motes, E.
INDUSTRIALIZATION OF AGRICULTURE. 31 Mar 65, 5p. JPRS-29371.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30625

Trans. of Nauka i Zhizn (USSR) v31 n12 p56-7 1964.

D. Agronomy and horticulture

NCH-200 247 Field 2D, 2A

Dublyanskaya, N. F.; Kharchenko, L. N.
ABOUT THE QUALITY OF VOLATILE OIL OF VARIOUS KIND INDIAN MUSTARD (O Kachestve Efirnogo Masla Razlichnykh Sortov Sareptskoi Gorchitsy). Apr 65, 4p. RTS-2791.
Order from NLL: 5s as RTS-2791

Trans. of Selektsiya i Semenovodstvo, v28 n6 p71-2 1963.

TT-65-30432 Field 2D, 7E

Ilina, G. V.; Rydkii, S. G.; Kuznetsova, N. N.
STUDY OF THE AFTER-EFFECTS OF RADIOACTIVE FISSION PRODUCTS ON THE HARVEST AND THE QUALITY OF THE GRAIN OF CERTAIN CROPS.
3 Mar 65, 14p, 20refs. JPRS-28977.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30432

Trans. of Agrokhimiya (USSR) n5 p83-90 May 1964

TT-65-30567 Field 2D, 2C

Malygin, P. A.
POTATO CULTIVATION UNDER IRRIGATION IN THE NORTH ARAL REGION. 23 Mar 65, 10p, 14refs. JPRS-29244.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30567

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v9 n10 p18-22 Oct 1964.
Available copy will not permit fully legible reproduction.

E. Animal husbandry

NCH-200 223 Field 2E

Tyunov, V. I.
NODULAR TRICHONEMIASIS IN THE LARGE INTESTINES OF HORSES (Uzelkovyi Trikhonematinoz Tolstogo Kishechnika Loshadei). Jan 65, 11p. RTS-2748.
Order from NLL: 12s 6d as RTS-2748

Trans. of Akademiya Nauk SSSR, Gelmintologicheskaya Laboratoriya. Trudy v5 p318-22 1951

NCH-200 224 Field 2E

Ershov, V. S.
THE DEVELOPMENT CYCLE OF STRONGYLUS VULGARIS (LOOSS 1900) IN THE BODY OF THE HORSE (Tsikl Razvitiya Strongylus Vulgaris (Looss 1900) v Organisme Loshchadi). Mar 65, 8p. RTS-2752.
Order from NLL: 7s 6d as RTS-2752

Trans. of Veterinariya (USSR) v26 n- p26-8 1949

TT-63-11381(p6-9) Field 2E, 6E

Prost, E.
THE VALUE OF TRICHINOSCOPICAL EXAMINATIONS IN SLAUGHTERHOUSES (Skutecznosc Badan Trichinoskopowych w Rzezniach). Tr. by Wieslaw Slusarski. 1965, 4p.
Order from CFSTI or ETC: HC$3.00 in TT-63-11381(p6-9)

Trans. of Wiadomosci Parazytologiczne (Poland) v5 n2/3 p293-7 1959

TT-65-50071 Field 2E

Rudenko, I. E.; Korzh, M. Ya.
NEW DEVELOPMENTS IN MECHANIZATION ON THE HOG FARMS OF THE SOVKHOZ 'KIEVSKII'. Tr. by M. Frizer. 1965, 35p. SFCSI-Agr (TT-65-50071).
Order from CFSTI or ETC: HC$2.00 as TT-65-50071

Trans. of mono. Novoe v Mekhanizatsii na Fermakh Sovkhoza 'Kievskii', Kiev 50p 1962.

F. Forestry

TT-65-50044 Field 2F, 6C

Norin, B. N.
GERMINATIVE AND VEGETATIVE REPRODUCTION OF TREES IN WOODED TUNDRA (K Poznaniyu Semennogo i Vegetativnogo Vozobnovleniya Drevesnykh Porod v Lesotundre). 1965, 102p, 160refs. SFCSI-Agr (TT-65-50044).
Order from CFSTI or ETC: HC$4.00 as TT-65-50044

Trans. of Rastitelnost Krainego Severa SSSR i Ee Osvoenie v3 p154-144 1958.

TT-65-50046 Field 2F, 6C, 6F

Shilova-Krassova, S. A.
THE ACTIVITY OF INSECTIVOROUS BIRDS IN AREAS MASS-INFESTED WITH FOREST PESTS (O Deyatelnosti Nasekomoyadnykh Ptits v Mestakh Massovogo Razmnozheniya Vrednykh Lesnykh Nasekomykh). 1965, 10p, 13refs.
SFCSI-Agr (TT-65-50046).
Order from CFSTI or ETC: HC$1.00 as TT-65-50046

Trans. of Zoologicheskii Zhurnal (USSR) v32 n5 p955-63 1953

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-65-30387 Field 3A

Akimov, L. A.
LIGHT REFLECTION FROM THE LUNAR SURFACE. 25 Feb 65, 8p. JPRS-28888.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30387

Trans. of Kharkov U. Astronomicheskaya Observatoriya. Tsirkulyar (USSR) n26 p43-6 1963.

TT-65-30575 Field 3A, 4B, 8G

EAST EUROPEAN SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 29. 24 Mar 65, 24p. JPRS-29263.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30575

Contains abstracts of articles from East European scientific and technical journals.

B. Astrophysics

NCH-200 250 Field 3B

Rachkovskii, D. H.
ON THE FORMATION OF ABSORPTION LINES IN A MAGNETIC FIELD: NOTE ON THE PAPERS BY W. UNNO AND V. E. STEPANOV (K Voprosu ob Obrazovanii Linii Pogloshcheniya v Magnitnom Pole: Zamechanie k Rabotam V. Unno i V. E. Stepanov). Apr 65, 5p, 5refs. RTS-2804.
Order from NLL: 10s as RTS-2804

Trans. of Akademiya Nauk SSSR, Krymskava Astrofizicheskaya Observatoriya. Izvestiya, v25 p277-80 1961.

NCH-200 251 Field 3B

Severnyi, A. B.
OBSERVATIONS OF TRANSVERSE AND LONGITUDINAL MAGNETIC FIELDS CONNECTED WITH SOLAR FLARES (Nablyudeniya Poperechnykh i Prodolnykh Polei Svyazannykh s Solnechnym Vspyshkami). Apr 65, 56p, 15 refs. RTS-2806.
Order from NLL: 40s as RTS-2806

Trans. of Akademiya Nauk SSSR, Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, v31 p159-99 1964.

NCH-200 252 Field 3B

Tsap, T. T.
MAGNETIC FIELDS AND THE FINE STRUCTURE OF THE CHROMOSPHERE IN AN ACTIVE REGION (Magnitnye

Polya i Tonkaya Struktura Khromosfery v Aktivnoi Oblasti). Apr 65, 14p, 17refs. RTS-2807.
Order from NLL: 20s as RTS-2807

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, v31 p200-8 1964. Another trans. is available from CFSTI or ETC HC$1.00, MF$0.50 as N65-11302, 12p.

NCH-200 253 Field 3B

Garunov, A. A.
NOMOGRAMS FOR DETERMINING THE MAGNETIC FIELD STRENGTH AND ITS INCLINATION FROM THE LONGITUDINAL AND TRANSVERSE COMPONENTS RECORDED BY A MAGNETOGRAPH (Nomogrammy dlya Vychislenii Magnitnogo Polya po Zapisyam Magnitografa ot Prodolnoi i Poperechnoi Sostavlyayuschchikh Polya). Apr 65, 7p, 1ref. RTS-2813.
Order from NLL: 12s 6d as RTS-2813

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, v28 p224-9 1962.

NCH-200 254 Field 3B

Rachkovskii, D. N.
MAGNETO-OPTICAL EFFECTS IN SPECTRAL LINES OF SUNSPOTS (Magnito-Opticheskii Effekt v Spektralnykh Linyakh Solnechnykh Pyaten). Apr 65, 15p, 8 refs. RTS-2816.
Order from NLL: 35s as RTS-2816

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskava Observatoriya. Izvestiya, v27 p148-61 1962.

TT-65-30388 Field 3B

Barabashov, N. P.
STRUCTURE OF THE LUNAR SURFACE. 25 Feb 65, 9p, 2refs. JPRS-28889.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30388

Trans. of Kharkov U. Astronomicheskaya Observatoriya. Tsirkulyar (USSR) n26 p14-9 1963.

04 ATMOSPHERIC SCIENCES

B. Meteorology

TT-65-30262 Field 4B

Vulfson, N. I.; Ivanov, V. N.
STRUCTURE OF THE TEMPERATURE FIELD IN CUMULUS CLOUDS. 2 Feb 65, 8p, 6refs. JPRS-28597.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30262

Trans. of Akademiya Nauk SSSR. Doklady, v159 n4 p786-8 1964
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TT-65-30772 Field 4B

Mukhenberg, V. V.
ALBEDO OF THE EARTH'S SURFACE WITHIN THE TERRITORY OF THE SOVIET UNION. 19 Apr 65, 23p, 19refs. JPRS-29661.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30772

Trans. of Glavnaya Geofizicheskaya Observatoriya, Leningrad. Trudy (USSR) n139(201) p43-60 1963.

TT-65-50010 Field 4B, 4A

Byzova, N. L., ed.
INVESTIGATION OF THE BOTTOM 300-METER LAYER OF THE ATMOSPHERE. Tr. by A. Moscona. 1965, 119p, 98refs. SFCSI-Comm (TT-65-50010).
Order from CFSTI or ETC: HC$4.00 as TT-65-50010

Trans. of mono. Issledovanie Nizhnego 300-Metrovogo Sloya Atmosfery, Moscow, p103 1963.
For table of contents see the 'Translated Tables of Contents' section of this issue.

TT-65-62375 Field 4B, 8G

Kostin, S. I.
IS THE BRIKNER (BRUECKNER) CYCLE REAL. Tr. by E. R. Hope. May 65, 4p. DSIS-T-425-R; AD-615 768.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-615 768

Trans. of Priroda (USSR) v54 n2 p78-9 1965.
Also available from NRC.

TT-65-62405 Field 4B

ACTA METEOROLOGICA SINICA, VOL. 34, NO. 1, 1964: TABLE OF CONTENTS AND ABSTRACTS. Tr. by N. H. Ng. Jun 64, 14p. E-TC-Ch-64-25; AD-615 956.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-615 956

Abstract trans. of Ch'i Hsiang Hsueh Pao (Chinese People's Republic) v34 n1 p1-126 1964.

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-64-51730 Field 5A, 5C, 14A

Velevski, S.; Boyadzhiev, B.; Lucaci, L.
PROBLEMS AND PRECONDITIONS FOR HIGH PROFITABILITY IN INDUSTRIAL ENTERPRISES (AND) PROBLEMS OF FINANCIAL PLANNING FOR 1965. Economic Organization and Management in Eastern Europe: Translations no. 405. 23 Nov 64, 19p. JPRS-27481.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51730

Trans. of Schetovodstvo i Kontrol (Bulgaria) n6 p3-10 Aug 1964.
Gazeta Finantelor (Rumania) n584 23 Sep p4-5 1964.

TT-65-62403 Field 5A

FOREIGN SCIENCE BULLETIN, VOL. 1, NO. 6, 1965. Jun 65, 84p. AD-615 879.
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technical literature sponsored by the Department of Defense.
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B. Documentation and information technology

TT-65-30219 Field 5B, 14B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 4. 28 Jan 65, 20p. JPRS-28517.
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TT-65-30418 Field 5B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS NO. 81. 2 Mar 65, 58p. JPRS-28952.
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CONFERENCES IN THE SOVIET BLOC NO. 9. 10 Mar 65, 62p. JPRS-29065.
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Contains summaries and abstracts of articles in Soviet, Eastern European, and other publications concerning current scientific and technical conferences attended by Soviet Bloc personnel.

TT-65-30493 Field 5B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS NO. 82. 11 Mar 65, 60p. JPRS-29082.
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C. Economics

TT-65-30257 Field 5C

IMPORTANT FRONTIERS OF SOVIET SCIENCE. 2 Feb 65, 7p. JPRS-28589.
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Trans. of Izvestiya (USSR) 6 Nov p3 1964.
Another trans. is available from CFSTI or ETC HC$1.00, MF$0.50 as AD-614 967, FTD-TT-64-1327, 9p.
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TT-65-30295 Field 5C, 5A

Keldysh, M. V.
THE SOCIALIST REVOLUTION AND SCIENTIFIC-TECHNICAL PROGRESS. 9 Feb 65, 14p. JPRS-28674.
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Trans. from Pravda, Moscow (USSR) 2 Nov p2-3 1964.
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TT-65-30379 Field 5C

ADDRESS OF M. V. KELDYSH AT ANNUAL ACADEMY OF SCIENCES USSR GENERAL MEETING. 24 Feb 65, 8p. JPRS-28871.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30379

Trans. from Pravda, Moscow (USSR) 4 Feb p2 1965.

TT-65-30614 Field 5C, 14B

Mazanet, M.
FULFILLMENT OF THE 1964 RESEARCH PLAN AND THE 1965 RESEARCH PLAN OF THE RUMANIAN ACADEMY. 30 Mar 65, 12p. JPRS-29349.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30614

Trans. of Contemporanul (Rumania) n6 p7 Feb 5 1965.

TT-65-30773 Field 5C, 5I

Sergienko, S. R.
SCIENTIFIC AND TECHNICAL PROGRESS IN TURKMENISTAN FOR FORTY YEARS. 19 Apr 65, 14p, 3refs. JPRS-29662.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30773

Trans. of Akademiya Nauk Turkmenskoi SSR, Ashkabad. Izvestiya. Seriya Fiziko-Tekhnicheskikh, Khimicheskikh i Geologicheskikh Nauk n5 p3-11 1964.
Available copy will not permit fully legible reproduction.

D. History, law and political science

TT-65-30459 Field 5D, 9B

Deev, A. F.; Galperin, L. B.; Ivanov, Yu. T.
CYBERNETICS AND THE EXPERIENCE OF THE SOLUTION OF CERTAIN LEGAL PROBLEMS. 5 Mar 65, 17p. JPRS-29014.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-30459

Trans. of Sovetskoe Gosudarstvo i Pravo (USSR) v34 n10 p81-90 Oct 1964.
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G. Linguistics

TT-65-30522 Field 5G

Levin, Yu. I.
APPLIED AND MATHEMATICAL LINGUISTICS -- DESCRIPTION OF A SYSTEM OF LINGUISTIC OBJECTS POSSESSING COMMON PROPERTIES. 16 Mar 65, 17p. JPRS-29141.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30522

Trans. of Voprosy Yazykoznaniya (USSR) v13 n4 p112-9 Jul/Aug 1964.

I. Personnel selection, training and evaluation

TT-65-30260 Field 5I

WORKS NOMINATED FOR 1965 LENIN PRIZES. 2 Feb 65, 6p. JPRS-28595.
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Trans. from Izvestiya (USSR) 8 Jan p3 1965.
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ACADEMY AWARDS FOR 1964 SCIENTIFIC ACHIEVEMENTS. 5 Feb 65, 12p. JPRS-28654.
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Trans. of Magyar Tudomanyos Akademia. Akademiai Kozlony (Hungary) v14 p153-6 1965.
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TT-65-30536 Field 5I

NEW HUNGARIAN DOCTORS AND CANIDATES OF SCIENCE. 18 Mar 65, 8p. JPRS-29178.
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Trans. of Magyar Tudomany (Hungary) v10(72) n1 p68-70 Jan 1965.

TT-65-30930 Field 5I, 9C

Karpenko, P. I.
HIGHER EDUCATIONAL OPPORTUNITIES FOR PERSONNEL OF RIGA ELECTRICAL MACHINE BUILDING PLANT. (USSR Industrial Development: Soviet Electrical Equipment no. 110. 6 May 65, 6p. JPRS-29958.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30930

Trans. of Vestnik Vysshei Shkoly (USSR) v22 n3 p67-9 1964.

J. Psychology (Individual and group behavior)

TT-65-30405 Field 5J, 6S

Lebedev, V.; Kuznetsov, O.
COPING WITH SILENCE IN OUTER SPACE. 26 Feb 65, 9p. JPRS-28929.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30405

Trans. of Aviatsiya i Kosmonavtika (USSR) v47 (spec. no.) p59-64 Oct 1964

TT-65-30551 Field 5J, 6S, 22A

Andreev, V.
MEDICAL AND PSYCHOLOGICAL PROBLEMS IN LONG SPACE FLIGHTS. 22 Mar 65, 8p. JPRS-29211.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30551

Trans. from Krasnaya Zvezda (USSR) 3 Dec p3 1964.

TT-65-30767 Field 5J

Zinchenko, P. I.; Repkina, G. V.
FORMULATION OF THE PROBLEM OF IMMEDIATE MEMORY. 19 Apr 65, 14p, 28refs. JPRS-29655.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30767

Trans. of *Voprosy Psikhologii (USSR) v10 n6 p3-12 Nov/Dec 1964.
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06 BIOLOGICAL AND MEDICAL SCIENCES

TT-65-30238 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 46. 29 Jan 65, 31p. JPRS-28553.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30238

Contains abstracts of articles from East European scientific and technical journals.

TT-65-30249 Field 6-

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 4. 1 Feb 65, 137p. JPRS-28569.
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TT-65-30251 Field 6-, 2E

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 8. 1 Feb 65, 123p. JPRS-28573.
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TT-65-30275 Field 6-, 2E

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Contains abstracts of articles from East European scientific and technical journals.

TT-65-30407 Field 6-, 2E

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 10. 1 Mar 65, 284p. JPRS-28935.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-30407

Contains abstracts of articles from East European scientific and technical journals.
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TT-65-30447 Field 6-

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO 5. 5 Mar 65, 149p. JPRS-28999.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-65-30447

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30627 Field 6-

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 6. 31 Mar 65, 206p. JPRS-29375.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-30627

Contains abstracts of articles from USSR scientific and technical journals.

A. Biochemistry

NCH-200 237 Field 6A, 7C

Stepanenko, B. N.; Serdyuk, O. G.
STUDY OF THE KINETICS OF ACID HYDROLYSIS OF SOME PHENYL AND CHLORPHENYL GLYCOSIDES (Izuchenie Kinetiki Kislotnogo Gidroliza Nekotorykh Fenil- i Khlorfenilglikozidov). Apr 65, 8p, 22refs. RTS-2787.
Order from NLL: 10s as RTS-2787

Trans. of Akademiya Nauk SSSR. Doklady, v139 n5 p1132-5 1961

TT-60-21374 Field 6A

ACTA BIOCHIMICA POLONICA, VOL. 1, NO. 1-4, P. 1-39, 1954. Tr. by Romuald Semkow. 1965, 379p.
SFCSI-HEW-NLM(TT-60-21374).
Order from CFSTI or ETC: HC$4.00 as TT-60-21374

English ed. of SFCSI Acta Biochimica Polonica, v1 n1-4 1954.
For table of contents see the 'Translated Table of Contents' section of this issue.

TT-63-11452/5-6 Field 6A, 7A, 7B, 8D

BULLETIN OF THE CHEMICAL SOCIETY, VOL. 28, NO. 5-6, 1963. Tr. by Aleksandra Stojiljkovic, Danica Ladjevac and others. 1965, 96p.

SFCSI-Comm-(TT-63-11452/5-6).
Order from CFSTI or ETC: HC$3.00 as TT-63-11452/5-6

Trans. of Srpsko Hemisko Drustvo, Belgrad. Glasnik (Yugoslavia) v28 n5-6 p237-340 1963.
For table of contents see the 'Translated Tables of Contents' section of this issue.

TT-64-51985 Field 6A

Bunyatyan, G. Kh.; Mkheyan, E. E.
CEREBROSIDE ACTIVITY OF THE BRAIN. 22 Dec 64, 7p, 14refs. JPRS-27946.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51985

Trans. of Voprosy Biokhimii (USSR) v3 p5-9 1963.
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TT-65-30276 Field 6A, 6C, 6S

Avenirova, E. D .; Savin, B. M.; Sytinskii, I. A.
EFFECT OF OXYGEN STARVATION AND ACCELERATION ON THE CONTENT OF GLUTAMIC AND GAMMA-AMINOBUTYRIC ACIDS IN BRAIN TISSUE. 1 Feb 65, 10p, 21refs. JPRS-28630.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30276

Trans. of Voprosy Meditsinskoi Khimii (USSR) v10 n6 p595-600 Nov/Dec 1964.

TT-65-62310 Field 6A, 6E

Delva, V. A.
SPECTRAL FEATURES OF THE WATER-SOLUBLE PROTEIN FRACTION OF THE HUMAN BRAIN (Spektralnye Osobennosti Fraktsii Vodorastvorimykh Belkov Golovnogo Mozga Cheloveka). 1965, 8p, 5refs. FASEB-S-878-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62310

Trans. of Zhurnal Nevropatologii i Psikhiatrii (USSR) v64 n9 p1345-7 1964.
Available copy will not permit fully legible reproduction.

TT-65-62313 Field 6A, 6P

Fomina, L. S.
EFFECT OF HIGH-FAT DIETS ON THE ENZYME-SECRETING FUNCTION OF PANCREAS. 1965, 8p, 10refs. FASEB-S-689-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62313

Trans. of Voprosy Pitaniya (USSR) v23 n4 p38-45 1964.
Available copy will not permit fully legible reproduction.

TT-65-62314 Field 6A

Mardashev, S. R.
NATURAL POLYMERS AND THEIR BIOLOGICAL AND MEDICAL SIGNIFICANCE. 1965, 20p. FASEB-S-681-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62314

Trans. of Voprosy Meditsinskoi Khimii (USSR) v10 n3 p227-37 1964.
Available copy will not permit fully legible reproduction.

TT-65-62319 Field 6A, 6C

Parshin, A. N.; Smirnova, E. V.; Spiridonova, V. B.
FRACTIONATION OF THE PROTEINS OF A MUSCLE TUMOR OF RATS. 1965, 20p, 12refs. FASEB-S-716-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62319

Trans. of Ukrayinskyi Biokhimichnyi Zhurnal (USSR) v36 n4 p536-47
Available copy will not permit fully legible reproduction.

TT-65-62320 Field 6A, 7E

Rasin, M. S.
EFFECT OF EPINEPHRINE AND CORTISONE ON THE CONCENTRATION OF TRACE ELEMENTS IN THE SERUM. 1965, 10p, 10refs. FASEB-S-715-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62320

Trans. of Ukrayinskyi Biokhimichnyi Zhurnal (USSR) v36 n4 p506-12 1964.
Available copy will not permit fully legible reproduction.

TT-65-62321 Field 6A

Leutskii, K. M.; Fesun, M. Ya.; Mardarevich, M. D.; Glebova, V. M.
CONTENT OF VITAMIN A AND ITS FRACTIONS IN THE LIVER AND ITS MITOCHONDRIA IN ANIMALS ON DIETS CONTAINING DIFFERENT AMOUNTS OF PROTEIN. 1965, 11p, 13refs. FASEB-S-717-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62321

Trans. of Ukrayinskyi Biokhimichnyi Zhurnal (USSR) v36 n4 p574-83 1964.
Available copy will not permit fully legible reproduction.

TT-65-62325 Field 6A, 6P

Oparin, A. I.
THE CREATION AND EVOLUTION OF METABOLISM. 1965, 13p. FASEB-S-705-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62325

Trans. of Priroda (USSR) v53 n6 p29-32 1964.
Another translation is available from CFSTI HC$2.00, MF$0.50 in TT-64-51247, JPRS-26991, 44p.
Available copy will not permit fully legible reproduction.

TT-65-62327 Field 6A

Rachev, R. R.
EFFECT OF THYROID HORMONES ON OXIDATIVE PHOSPHORYLATION IN BRAIN MITOCHONDRIA. 1965, 14p, 27refs. FASEB-S-837-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62327

Trans. of Leningrad Univ. Vestnik (USSR) v19 n3 Seriya Biologii n1 p76-81 1964.
Available copy will not permit fully legible reproduction.

TT-65-62329 Field 6A, 6E

Ryabinin, I. F.
SIGNIFICANCE OF BLOOD FIBRINOGEN LEVEL AND FIBRINOLYTIC ACTIVITY IN PATIENTS WITH PNEUMONIA. 1965, 15p, 15refs. FASEB-S-806-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62329

Trans. of Klinicheskaya Meditsina (USSR) v42 n6 p108-12 1964
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TT-65-62331 Field 6A, 7D

Panteleeva, N. S.
SEPARATION OF NUCLEOTIDES ON ECTEOLA-CELLULOSE BY THE METHOD OF THIN-LAYER CHROMATOGRAPHY. 1965, 17p, 7refs. FASEB-S-812-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62331

Trans. of Leningrad Univ. Vestnik (USSR) v19 n9 p73-9, Seriya Biologii n2, 1964
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TT-65-62343 Field 6A, 6O

Kudryashov, B. A.; Andreenko, G. V.; Kalishevskaya, T. M.
NEUTRALIZATION OF ANTIPLASMIN IN BLOOD IN MECHANISM OF PROTECTIVE REACTION OF ANTI-CLOTTING SYSTEM IN VIVO. 1965, 11p, 19refs. FASEB-S-766-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62343

Trans. of *Problemy Gematologii i Perelivaniya Krovi (USSR) v9 n4 p12-5 1964
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TT-65-62345 Field 6A, 6J

Sinitsyn, S. N.; Rumyantsev, G. I.
EFFECT OF WHOLE-BODY VIBRATION ON CARBOHYDRATE METABOLISM AND THE EPINEPHRINE EFFICIENCY FACTOR IN EXPERIMENTAL CONDITIONS. 1965, 14p, 7refs. FASEB-S-514-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62345

Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v8 n3 p3-7 1964
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TT-65-62369 Field 6A, 6E

Kazantinova, G. M.
THE FUNCTIONAL STATE OF THE ADRENAL CORTEX IN CASES OF DIABETES MELLITUS. 1965, 9p, 9refs. FASEB-S-850-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62369

Trans. of Vrachebnoe Delo (USSR) n9 p3-5 1964
Available copy will not permit fully legible reproduction

B. Bioengineering

TT-65-62356 Field 6B, 9F

Parin, V. V.; Baevskii, R. M.
CURRENT PROBLEMS IN BIOLOGICAL TELEMETRY. 1965, 24p, 41refs. FASEB-S-775-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62356

Trans. of Fiziologicheskii Zhurnal SSSR, v50 n8 p924-33 1964
A machine trans. is available from CFSTI or ETC HC$1.00, MF$0.50 as AD-612 376, FTD-MT-64-416, 22p.
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C. Biology

NCH-200 235 Field 6C

Prokoptsev, V. M.
BORIC ACID IN THE COMPOSITION OF DILUENT OF HOG'S SPERM (Bornaya Kislota v Sostave Razbavitelya Spermy Khryaka). Jan 65, 5p. RTS-2783.
Order from NLL: 5s as RTS-2783

Trans. of Svinovodstvo (USSR) v17 n2 p34-5 1963

NCH-200 734 Field 6C

Emeis, C. C.
STUDIES ON THE BREEDING OF NEW STRAINS OF YEAST. 1965, 9p. ATS-37S83G.
Order from ATS: $14.85 as ATS-37S83G

Trans. of Branntweinwirtschaft (West Germany) v102 n14 p379-84 1962

TT-63-11381 Field 6C

SELECTED ARTICLES FROM WIADOMOSCI PARAZYTOLOGICZNE, 1959, VOL. 5 (AND) 1960, VOL. 6. Tr. by Wieslaw Slusarski. 1965, 71p. SFCSI-Agr(TT-63-11381).
Order from CFSTI or ETC: HC$3.00 as TT-63-11381

Trans. of selected articles and summaries from Wiadomosci Paraztologiczne (Poland) v5 1959; v6 1960
Separate entries have been prepared for the individual articles

TT-65-30061(p31-49) Field 6C

Wu, Hsien-wen; Tsung, Ling.
FISH CULTURE IN CHINA. 6 Jan 65, 19p, 58refs.
Order from CFSTI or ETC: HC$3.00, MF$0.75 in TT-65-30061(p31-49)

Trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n10 p900-7 Oct 1964
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TT-65-30142 Field 6C, 2A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 137. 15 Jan 65, 27p. JPRS-28329.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30142

Trans. of 5 selected articles from May-Nov 63 issues of Communist Chinese journals
A separate entry has been prepared for one article
Available copy will not permit fully legible reproduction

TT-65-30142(p5-18) Field 6C, 2A

Tung, Chi-fen; Miao, Hui-lien; Li, Shu-huan.
RELATIONSHIP BETWEEN SEVERITY OF RICE BLAST AND CULTIVATION TECHNIQUES AND ITS PHYSIO-BIONOMIC CHARACTERISTICS. 15 Jan 65, 14p.
Order from CFSTI or ETC: HC$2.00, MF$0.50 in TT-65-30142(p5-18)

Trans. of Chung Kuo Nung Yeh K'o Hsueh (Chinese People's Republic) n5 p9-15 May 1963
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TT-65-30206 Field 6C, 7D

Chetverikov, A. G.
EXAMINATION OF THE SPECTRA OF ELECTRONIC PARAMAGNETIC RESONANCE OF BIOLOGICAL SPECIMENS. 26 Jan 65, 7p, 14refs. JPRS-28478.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30206

Trans. of *Biofizika (USSR) v9 n6 p678-89 1964

TT-65-30265 Field 6C

Gachechiladze, R. G.; Tumanishvili, G. D.
EFFECT OF RABBIT TESTICULAR EXTRACT ON TESTICULAR REGENERATION IN THE RAT. 2 Feb 65, 13p, 24refs. JPRS-28600.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30265

Trans. of Zhurnal Obshchei Biologii (USSR) v25 n6 p434-42 1964
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TT-65-30266 Field 6C

Shvarts, S. S.; Ishchenko, B. G.; Ovchinikova, N. A.; Oleneva, V. G.; Pokrovskii, A. V.
ALTERNATION OF GENERATIONS AND LIFE SPAN OF RODENTS. 2 Feb 65, 22p, 35refs. JPRS-28601.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30226

Trans. of Zhurnal Obshchei Biologii (USSR) v25 n6 p417-32 1964
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TT-65-30400 Field 6C

Ugolbaeva, I. S.; Arshavskii, I. A.; Parin, V. V.
FEATURES OF HOMEOSTATIC REACTION DURING HYPOXIC HYPOXIA IN DOGS AT THEIR VARIOUS AGES. 26 Feb 65, 10p, 18refs. JPRS-28921.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30400

Trans. of *Byulleten Eksperimentalnoi Biologii i Meditsiny (USSR) v58 n9 p34-8 Sep 1964.

T-65-50017 Field 6C, 6F

Vorontsov, N. N.
THE SIGNIFICANCE OF THE STUDY OF CHROMOSOMAL CONSTITUTION FOR MAMMALIAN TAXONOMY (Znachenie Izucheniya Khromosomnykh Naborov dlya Sistematiki Mlekopitayushchikh). 1965, 48p, 249refs. SFCSI-Smi (TT-65-50017).
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Trans. of Moskovskoe Obshchestvo Ispytatelei Prirody. Byulleten. Otdel Biologicheskii (USSR) v33(63) n2 p5-36 1958

TT-65-50043 Field 6C, 2F, 6F

Shcherbakova, T. A.
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Order from CFSTI or ETC: HC$1.00 as TT-65-50043

Trans. of Akademiya Navuk BSSR, Minsk. Izvestiya, n4 p93-102 1955

TT-65-62312 Field 6C, 6F

Shkorbatov, G. L.
THE THEORY OF ACCLIMATIZATION AQUATIC ANIMALS. 1965, 31p, 39refs. FASEB-S-745-4.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-62312

Trans. of Zoologicheskii Zhurnal (USSR) v43 n7 p953-65 1964.
Available copy will not permit fully legible reproduction.

TT-65-62316 Field 6C

Nikiforova, S. F.; Shoshenko, K. A.
STRUCTURE AND DEVELOPMENT OF THE CAPILLARY BED OF THE SKIN IN FROGS. 1965, 18p, 13refs. FASEB-S-865-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62316

Trans. of Arkhiv Anatomii, Gistologii i Embriologii (USSR) v47 n9 p92-9 1964.
Available copy will not permit fully legible reproduction.

TT-65-62322 Field 6C

Grebenskaya, N. I.
STRUCTURE OF THE BLOOD VESSELS AND BRONCHIAL TREE IN THE LUNGS OF CERTAIN MAMMALS. 1965, 20p, 56refs. FASEB-S-864-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62322

Trans. of Arkhiv Anatomii, Gistologii i Embriologii (USSR) v47 n9 p84-92 1964.
Available copy will not permit fully legible reproduction.

TT-65-62337 Field 6C, 8A

Pakhomova, M. V.
BIOCHEMICAL INVESTIGATION OF SOME SPECIES OF ALGAE. 1965, 35p, 34refs. FASEB-S-614-4.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-62337
Trans. of Moskovskoe Obshchestvo Ispytatelei Prirody. Byulleten'. Otedel Biologicheskii, v(39)69 n3 p110-27 1964.
Another trans. is available from CFSTI HC$2.00, MF$0.50 in TT-64-41326, JPRS-26056, 27p.
Available copy will not permit fully legible reproduction.

TT-65-62338 Field 6C, 7E

Mironenka, A. V.; Zabenkova, K. I.
PRECURSORS OF LUPINE ALKALOIDS. 1965, 10p, 6refs. FASEB-S-451-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62338

Trans. of Akademiya Navuk BSSR, Minsk. Vestsi. Seryya Biyalagichnykh Navuk n1 p34-7 1963
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TT-65-62365 Field 6C

Arronet, N. I.
DAMAGING EFFECT OF HIGH HYDROSTATIC PRESSURE AND HEAT ON CILIATED EPITHELIAL CELLS AND THE PROTECTIVE EFFECT OF GLYCEROL. 1965, 26p, 26refs. FASEB-S-832-4.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-62365

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TT-65-62366 Field 6C

Lukyanenko, V. I.; Mieserova, E. K.
NORMAL HEMAGGLUTININS AND HEMOLYSINS OF FISH BLOOD. 1965, 17p, 11refs. FASEB-S-495-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as T-65-62366

Trans. of Zhurnal Obshchei Biologii (USSR) v25 n1 p62-8 1964
Available copy will not permit fully legible reproduction.

TT-65-62367 Field 6C, 6A

Kultas, K. N.
CYTOCHEMICAL STUDY OF THE DISTRIBUTION OF SUCCINIC DEHYDROGENASE AND ALPHAGLYCERO-PHOSPHATE DEHYDROGENASE IN DEITERS' NUCLEUS OF THE RABBIT. 1965, 16p, 34refs. FASEB-S-834-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62367

Trans. of *Tsitologiya (USSR) v6 n4 p452-7 1964
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TT-65-62422 Field 6C

Anastos, G.
CURRENT REFERENCES IN MEDICAL ENTOMOLOGY FROM RUSSIAN, CENTRAL AND EASTERN EUROPEAN AND CHINESE LITERATURE, VOL. IV, NO. 6. 1965, 18p. AD-616 003.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-616 003

Translated under Contract DA49 193MD2238.

D. Bionics

TT-65-30240 Field 6D, 9B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 4. 29 Jan 65, 12p. JPRS-28555.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30240

Contains abstracts of articles from East European scientific and technical journals.

TT-65-30357 Field 6D, 9B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS, AND AUTOMATION TECHNOLOGY NO. 5. 18 Feb 65, 27p. JPRS-28814.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30357

Contains abstracts of articles from East European scientific and technical journals.

TT-65-30361 Field 6D, 14B, 9B

Venikov, V. A.
CERTAIN METHODOLOGICAL PROBLEMS OF MODELING. 18 Feb 65, 19p. JPRS-28829.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30361

Trans. of Voprosy Filosofii (USSR) v18 n11 p73-84 1964.

TT-65-30395 Field 6D, 9B

USSR SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 5. 26 Feb 65, 130p. JPRS-28912.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-30395

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30425 Field 6D

FORMULATE METHODOLOGICAL PROBLEMS IN BIOLOGY WITH GREATER THOROUGHNESS. 3 Mar 65, 13p. JPRS-28968.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30425

Trans. of Voprosy Filosofii (USSR) v18 n12 p25-32 1964.

TT-65-30503 Field 6D, 9E

Kelm, H.; Hecht, K.
CYBERNETIC REGULATION MECHANISMS AND WORLD-WIDE SCIENTIFIC DEVELOPMENTS (AND) ON THE PERIODICITY OF LATENT PERIODS OF THE 'IN-EXTINGUISHABLE' CONDITIONAL FUGITIVE REFLEX AND THE ATTEMPT OF A CYBERNETIC INTERPRETATION. 12 Mar 65, 36p, 18refs. JPRS-29099.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30503

Trans. of die Technik (East Germany) v20 n1 p16-22 Jan 1965; n2 p89-91 Feb 1965; Acta Biologica et Medica Germanica (West Germany) v13 n4 p504-12 1964.

TT-65-30576 Field 6D, 9B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 6. 24 Mar 65, 22p. JPRS-29264.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30576

Contains abstracts of articles from East European scientific and technical journals.

TT-65-30578 Field 6D, 9B

Nistor, A.
RUMANIAN ACHIEVEMENTS IN NEUROCYBERNETICS - ARTIFICIAL INTELLIGENCE. 24 Mar 65, 8p. JPRS-29267.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30578

Trans. of Stiinta si Tehnica (Rumania) v17 n2 p24-5 Feb 1965.
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TT-65-30732 Field 6D, 9B, 9E

USSR SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 6. 14 Apr 65, 226p. JPRS-29579.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-30732

Contains abstracts of articles from USSR scientific and technical journals.

E. Clinical medicine

TT-63-11381(p1-2) Field 6E, 6A

Busila, V. T.
HORMONAL THERAPY IN TRICHINELLOSIS (Gormonoterapiya Trikhinellozy). Tr. by Wieslaw Slusarski. 1965, 2p.
Order from CFSTI or ETC: HC$3.00 in TT-63-11381(p1-2)

Trans. of Wiadomosci Parazytologiczne (Poland) v6 n4 p340-1 1960

TT-63-11381(p3-5) Field 6E, 2E

Kozar, Z.
CONFERENCE ON THE CONTROL OF TRICHINELLOSIS IN POLAND, WARSAW, JUN 58 (Konferencja na Temat Zwalczania Wlosnicy w Polsce). Tr. by Wieslaw Slusarski. 1965, 3p.
Order from CFSTI or ETC: HC$3.00 in TT-63-11381(p3-5)

Trans. of Wiadomosci Parazytologiczne (Poland) v5 n1 p53-5 1959

TT-63-11381(p18-23) Field 6E, 6C

Kozar, Z.
ON THE 100TH ANNIVERSARY OF THE DISCOVERY OF TRICHINELLOSIS (W Setna Rocznice Odkrycia Wlosnicy). Tr. by Wieslaw Slusarski. 1965, 6p.
Order from CFSTI or ETC: HC$3.00 in TT-63-11381(p18-23)

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TT-63-11381(p24-5) Field 6E, 2E

Kozar, Z.
FURTHER DISCUSSION ON ERADICATION OF TRICHINELLOSIS IN POLAND (Dalsze Obrady nad Zwalczaniem Wlosnicy w Polsce). Tr. by Wieslwas

Slusarski. 1965, 2p.
Order from CFSTI or ETC: HC$3.00 in TT-63-11381(p24-5)

Trans. of Wiadomosci Parazytologiczne (Poland) v5 n6 p616-7 1959

TT-63-11381(p26-32) Field 6E, 6H

Matoff, K.
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For table of contents see the 'Translated Table of Contents' section of this issue.

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Order from SLA: $1.10 as TT-65-11649

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30227

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30322

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30341

Trans. of Arkhiv Patologii (USSR) v26 n11 p3-11 1964.
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Shevelev, A. S.
TISSUE TRANSPLANTATIONS. 18 Feb 65, 15p. JPRS-28830.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30362

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TT-65-30542 Field 6E

Remizov, M. S.
CONGRESS OF OPHTHALMOLOGISTS OF THE GERMAN DEMOCRATIC REPUBLIC, ROSTOCK, APR 64. 19 Mar 65, 7p. JPRS-29185.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30542

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TT-65-30778 Field 6E, 6M

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NATURAL FOCI OF DISEASES - IN THE COMPETITION

FOR A LENIN PRIZE. 20 Apr 65, 6p. JPRS-29673.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-65-62187 Field 6E, 6O

Komarov, F. I.; Novikov, V. S.; Onikienko, B. A.
THE INFLUENCE OF VITAMIN B6 ON THE URINARY OUTPUT OF PATIENTS WITH SEVERE CIRCULATORY DISORDERS (Vliyanie Vitamina B6 na Diurez Bolnykh s Vyrazhennym Rasstroistvom Krovoobrashcheniya). 1965, 14p, (foreign text included) 5refs. FASEB-S-575-4.
Available on loan from CFSTI as TT-65-62187

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TT-65-62315 Field 6E

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TT-65-62317 Field 6E

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EXCESSIVE FOOD CONSUMPTION, OBESITY AND CANCER (LITERATURE SURVEY). 1965, 19p, 50refs. FASEB-S-690-4.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62324

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SIGNIFICANCE OF VANILYL-MANDELIC ACID EXCRETION IN CARDIOVASCULAR DISORDERS. 1965, 11p, 2refs. FASEB-S-808-4.
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TT-65-62330 Field 6E, 6O

Nazarenko, A. I.
THE INFLUENCE OF PERINEPHRIC BLOCK WITH NOVOCAIN ON THE COURSE OF GASTRODUODENAL ULCER. 1965, 5p, 8refs. FASEB-S-805-4.
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TT-65-62351 Field 6E, 6O

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THE SIGNIFICANCE OF ELECTROCARDIOGRAPHIC CHANGES IN THYROTOXICOSIS. 1965, 13p, 7refs. FASEB-S-811-4.
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TT-65-62362 Field 6E, 6P

Chakina, L. A.; Zinovev, E. D.
CHANGES IN THE CLOTTING SYSTEM OF THE BLOOD DURING AGING. 1965, 11p, 12refs. FASEB-S-842-4.
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Shershevskii, M. G.
FIBRINOLYSIS IN PATIENTS WITH ATHEROSCLEROSIS TREATED WITH SEX HORMONES. 1965, 9p, 12refs. FASEB-S-841-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62363

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Levin, A. I.
A RHEOGRAPHIC STUDY OF THE CIRCULATION IN THE LUNGS AND AORTA IN PNEUMOCONIOSIS. 1965, 16p, 12refs. FASEB-S-763-4.
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TT-65-62373 Field 6E, 6A, 6J

Vinarik, E. M.
SOME BLOOD CLOTTING INDICES IN PATIENTS WITH SILICOSIS AND ANTHRACOSILICOSIS. 1965, 10p, 16refs. FASEB-S-603-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62373

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TT-65-62399 Field 6E

Kolker, I. I.
USING THE METHOD OF FLUORESCENT ANTIBODIES TO INVESTIGATE THE ANTIGEN-ANTIBODY REACTION IN TISSUES: STUDYING THE LOCALIZATION OF ANTI-NEPHRITIC AND ANTIHEPATIC ANTIBODIES IN HOMO- AND HETEROLOGOUS TISSUES. 1965, 14p, 11refs. FTD-TT-65-464; AD-615 873.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-615 995

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F. Environmental biology

TT-65-62357 Field 6F, 5J, 6C

Lagutina, N. I.; Sysoeva, A. F.
ECOLOGICAL FACTORS IN ACCLIMATIZATION OF MACACA MULATTA IN NURSERY. 1965, 22p, 8refs. FASEB-S-776-4.
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H. Food

NCH-200 233 Field 6H

Ermakova, T. P.; Zheleznyak, A. N.
THE USE OF MAIZE IN THE CONFECTIONERY INDUSTRY (Ispolzovanie Kukuruzy v Konditerskoi Promyshlennosti). Jan 65, 9p. RTS-2780.
Order from NLL: 10s as RTS-2780

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J. Industrial (occupational) medicine

TT-65-62353 Field 6J, 6T

Krivoglaz, B. A.; Krasnyuk, E. P.
SOME INDICES OF FUNCTIONAL STATE OF ADRENAL CORTEX IN WORKERS WITH ORGANIC CHLORINE COMPOUNDS. 1965, 15p, 12refs. FASEB-S-831-4.
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TT-65-62371 Field 6J, 6E

Zakharov., A. V.
THE USE OF ULTRA-SONIC TREATMENT OF VIBRATION SICKNESS. 1965, 11p, 6refs. FASEB-S-853-4.
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K. Life support

TT-65-30210 Field 6K, 6S

Lebedinskii, A. L.
NEW STRESS FACTORS FOUND IN 120-DAY SEALED CHAMBER TESTS. 27 Jan 65, 7p. JPRS-28490; N65-15355.
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TT-65-30248 Field 6K

Gubarev, V.
CHEMICAL ANTI-RADIATION PROTECTION OF MAN IN INTERPLANETARY FLIGHTS. 1 Feb 65, 6p. JPRS-28566.
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M. Microbiology

TT-65-30205 Field 6M, 2C, 2D

Bagdasaryan, G. A.
SANITARY-VIROLOGICAL EXAMINATION OF SOIL AND

VEGETABLES IN IRRIGATED FIELDS. 26 Jan 65, 6p, 3refs. JPRS-28477.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30205

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TT-65-30403 Field 6M, 6E

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30403

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TT-65-30549 Field 6M

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30549

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TT-65-30550 Field 6M

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TT-65-62318 Field 6M

Nikitenko, A. A.; Kobrinskii, G. D.
PRODUCTION OF AN ACTIVE FRACTION WITH LOWERED ANAPHYLACTOGENIC PROPERTIES FROM ANTIRABIC SERUM. 1965, 13p, 6refs. FASEB-S-680-4.
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TT-65-62328 Field 6M, 6A, 7D

Filippov, V. O.
COMPARATIVE STUDY OF WATER-SOLUBLE PROTEINS OF ORIGINAL AND PHAGE-RESISTANT VARIANTS OF SALMONELLA GALLINARUM-PULLORUM BY THE METHOD OF PAPER ELECTROPHORESIS. 1965, 11p, 22refs. FASEB-S-670-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62328

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TT-65-62360 Field 6M, 6E

Avakyan, A. A.; Kirillova, F. M.; Pavlova, I. B.; Altshtein, A. D.; Kats, L. N.
ETIOLOGY OF HEMORRHAGIC FEVER WITH RENAL SYNDROME. 1965, 17p, 7refs. FASEB-S-727-4.
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TT-65-62368 Field 6M

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RELATIONSHIP BETWEEN INFLUENZA VIRUS A-2 AND ENTEROVIRUSES PROPAGATED IN TISSUE CULTURE. 1965, 15p, 11refs. FASEB-S-801-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62368

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O. Pharmacology

TT-63-11381(p10-7) Field 6O

Warda, L.
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Order from SLA: $1.60 as TT-65-11676

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TT-65-26977 Field 6O

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QUELQUES PROPRIETES BIOLOGIOUES DU SILICAGEL PREPARE SPECIFIQUEMENT (Nekotorye Biologicheskie Svoistva Spetsificheski Sformovannogo s Silikagelya). Tr. by G. G. Jnoff. 6p. CBT-IV-173(N.1983).
Order from CBT: as CBT-IV-173 (N.1983)

Trans. in French of Akademiya Nauk SSSR. Doklady v146 n3 p707-9 1962.

TT-65-30061 (p50-82) Field 6O

Huang, Ming-lung.
OUR COUNTRY'S PROGRESS IN STEROID CHEMISTRY. 6 Jan 65, 33p, 52refs.
Order from CFSTI or ETC: HC$3.00, MF$0.75 in TT-65-30061 (p50-82)

Trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n10 p908-27 Oct 1964
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TT-65-62186 Field 6O, 6T, 6J

Smirnova, O. T.
THE EFFECT OF VARIOUS PHARMACEUTICAL AGENTS ON THE OUTCOME OF ACUTE ISOPROPYLBENZENE HYDROPEROXIDE INTOXICATION (UNDER EXPERIMENTAL CONDITIONS). 1965, 20p, 28 refs.
FASEB-S-643-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62186

Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v8 n4 p40-6 1964.
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TT-65-62309 Field 6O

Uteshev, B. S.
EFFECT OF IPRAZID AND PHENYZINE ON 5-HYDROXYTRYPTOPAN DECARBOXYLASE. 1965, 8p, 13refs. FASEB-S-694-4.
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TT-65-62342 Field 6O

Avakyan, V. M.
SEARCH FOR NEW SYMPATHOLYTIC COMPOUNDS AMONG DERIVATIVES FOR XYLOCHOLINE, BRETYLIUM AND GUANETHIDINE. 1965, 21p, 69refs.
FASEB-S-321-4.
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Trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Izvestiya. Biologichekie Nauki, v16 n6 p11-26 1963.
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TT-65-62348 Field 6O

Leshchinskii, A. F.
AN EXPERIMENTAL STUDY OF THE MECHANISM OF THE PROPHYLACTIC ACTION OF ANTIRHEUMATIC DRUGS. 1965, 19p, 10refs. FASEB-S-764-4.
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P. Physiology

TT-65-11670 Field 6P

Maspetiol, R.; Semette, D.; Mathieu, C.
CENTRAL CONTROL OF AUDITION AND ITS AUDIOMETRIC TESTS (le Controle Central de l'Audition et ses Test Audiometriques). 20p, 25refs.
Order from SLA: $1.60 as TT-65-11670

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TT-65-30203 Field 6P, 6C

Golev, V. P.; Do Suan Khop.
METHODS OF TEACHING AND OF CONDUCTING SCIENTIFIC RESEARCH IN MORPHOLOGY IN THE DEMOCRATIC REPUBLIC OF VIET NAM. 26 Jan 65, 10p. JPRS-28475.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30203

Trans. of Arkhiv Arkhiv Anatomii, Gistologii i Embriologii (USSR) v47 n11 p95-8 Nov 1964.

TT-65-62189 Field 6P

Vacek, Z.; Mazanec, K.
SUBMICROSCOPIC AND CYTOCHEMICAL OBSERVATIONS OF DECIDUA DEVELOPMENT DURING THE FIRST THREE MONTHS OF PREGNANCY (Submikroskopicky a Cytochemicky Obraz Vyvoje Deciduy v Prvych Trech Mesicich Gravidity). 1965, 42p, (foreign text included) 34refs.
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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-62189

Trans. of Ceskoslovenska Morfologie, v12 n1 p63-74 1964.
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TT-65-62323 Field 6P

Markizov, F. P.
THE STRUCTURES OF THE TERMINAL BLOOD VESSELS IN SOME TISSUES AND ORGANS OF THE HUMAN BODY. 1965, 32p, 62refs. FASEB-S-863-4.
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TT-65-62346 Field 6P, 6E

Bogolepov, N. N.
THE STRUCTURE OF SYNAPTIC MEMBRANES (AN ELECTRON-MICROSCOPIC INVESTIGATION). 1965, 15p. 25refs. FASEB-S-5-5.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62346

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TT-65-62358 Field 6P

Tsybenko, V. A.
EFFECT OF HYPOTHALAMIC STIMULATION ON PULMONARY CIRCULATION. 1965, 22p, 10refs.
FASEB-S-829-4.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62358

Trans. of Fiziologicheskii Zhurnal SSSR, v50 n9 p1150-8 1964
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R. Radiobiology

NCH-200 234 Field 6R

Zlotnikov, S. A.
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07 CHEMISTRY

A. Chemical engineering

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Contains abstracts of articles from East European scientific and technical journals.

TT-65-30337 Field 7B, 7C, 7D

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Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-30337

Contains abstracts of articles from East European scientific and technical journals.

TT-65-30399 Field 7B, 7C, 7D

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Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-30399

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30618 Field 7B, 7C, 7D, 11B

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TT-65-30680 Field 7B, 7C, 11I, 11B, 11H

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Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30686 Field 7B, 7A, 7C, 7D

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TT-65-26999 Field 7D

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TT-65-27005 Field 7D

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ETUDE D'EMPOISONNEMENT PAR THIOPHENE DU CATALYSEUR CONTENANT Pt DANS LES CONDITIONS DE REFORMING..COMM. 2: UTILISATION DE THIOPHENE CONTENANT L'ISOTOPE RADIOACTIF (S35) (Issledovanie Otravleniya Platinovogo Katalizatora Tiofenom v Usleviyakh Reforminga. Soob. 2: Ispol'zovanie Tiofena Soderzhashchego Radioaktivnyi Izotop (S35). Tr. by G. G. Jnoff. 10p. CBT-IV-91(N.906).
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TT-65-27072 Field 7D

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TT-65-30733 Field 7D, 7E, 11I, 11J

USSR SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 8. 14 Apr 65, 171p. JPRS-29580.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as TT-65-30733

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-62415 Field 7D, 7C

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CATALYSIS OVER AN ORGANIC SEMICONDUCTOR, OBTAINED ON THE BASIS OF POLYACRYLONITRILE. 13 May 65, 7p, 10refs. FTD-TT-65-41; AD-615 989.
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E. Radio and radiation chemistry

NCH-200 238 Field 7E

Kononchuk, T. I.; Prikhodchenko, V. G.; Bondarenko, N. V.
PHOTOCHEMICAL DECHLORINATION OF ANOLYTE (Fotokhimicheskoe Obeskhlorivanie Anolita). Jan 65, 7p, 4refs. RTS-2788.
Order from NLL: 7s 6d as RTS-2788

Trans. of Khimicheskaya Promyshlennost (USSR) n6 p429-31 1964

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RADIOLYSE DE L'HEPTANE ET DE QUELQUES AUTRES ALCANES (Radioliz Geptana i Nekotorykh Drugikh Alkanov). Tr. by G. G. Jnoff. 7p. CBT-IV-3a.
Order from CBT: as CBT-IV-3a

Trans. in French of Akademiya Nauk SSSR. Doklady v119 n2 p307-10 1958.
Other translations are available in English from LC or SLA mi$1.80, ph$1.80 as AEC-tr-3417, 9p; from CB $5.00.

TT-65-27009 Field 7E

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Order from CBT: as CBT-IV-4

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TT-65-30521 Field 7E, 7B

Maksimenko, Yu. F.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30521

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TT-65-30572 Field 7E, 18B

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ON THE NEW PROCEDURES FOR PRODUCING RADIOACTIVE COLLOIDAL GOLD 198 AU IN THE 'BORIS KIDRIC' INSTITUTE AT VINCA. 24 Mar 65, 16p, 10refs. JPRS-29258.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30572

Trans. of Tehnika (Yugoslavia) v20 n2 p228-23 1965.
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08 EARTH SCIENCES AND OCEANOGRAPHY

TT-65-30220 Field 8-, 4B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 27. 28 Jan 65, 13p. JPRS-28519.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30220

Contains abstracts of articles from East European scientific and technical journals.

TT-65-30351 Field 8-, 4B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 28. 17 Feb 65, 36p. JPRS-28803.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30351

Contains abstracts of articles from East European scientific and technical journals.
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A. Biological oceanography

TT-64-51963 Field 8A, 13J

Petrenko, A. I.
EXPERIENCE IN COMMERCIAL FISHING FOR DOLPHIN. 17 Dec 64, 14p. JPRS-27891.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51963

Trans. of Rybnoe Khozyaistvo (USSR) v38 n3 p44-8 1962.

TT-65-30243 Field 8A, 18H

Mironov, O. G.
ON THE MIGRATION OF STRONTIUM-90 AND CESIUM-137 IN THE HUMAN ORGANISM FROM CONSUMPTION OF SOME FORMS OF MARINE ANIMALS. 1 Feb 65, 6p, 13refs. JPRS-28560.

Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30243

Trans. of Okeanologiya (USSR) v4 n6 p1059-61 1964.

TT-65-30645 Field 8A, 13J, 9B

Rudnev, K.
CYBERNETICS IN THE FISHING INDUSTRY: AN IMPORTANT PROBLEM. 2 Apr 65, 8p. JPRS-29414.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30645

Trans. of Rybnoe Khozyaistvo (USSR) v41 n1 p77-9 1965.

G. Geology and mineralogy

NCH-200 737 Field 8G

Winkler, H. G. F.
EXPERIMENTAL METAMORPHOSIS OF CLAYS. 1965, 5p. ATS-03S83G.
Order from ATS: $9.50 as ATS-03S83G

Trans. of Fortschritte der Mineralogie (West Germany) v35 p30-3 1957.

NCH-200 762 Field 8G

Gazyan, G. S.; Palii, P. A.
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Order from ATS: $10.85 as ATS-88S82R

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NCH-200 801 Field 8G, 8I

Dupuy, M.; Pottier, J.
APPLICATION OF STATISTICAL METHODS TO THE DETAILED STUDY OF RESERVOIRS. 1965, 30p. ATS-95S82F.
Order from ATS: $36.50 as ATS-95S82F

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NCH-200 802 Field 08G, 08I

Montadert, L.
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Order from ATS: $22.85 as ATS-94S82F

Trans. of Revue de l'Institut Francais du Petrole et Annales des Combustibles Liquides v18 p241-57 1963

TT-64-51655 Field 8G, 8D, 8J

Belousov, V. V.; Silkin, B. I.
PROJECT UPPER MANTLE AND ITS INFLUENCE ON THE DEVELOPMENT OF THE EARTHS CRUST. 17 Nov 64, 10p. JPRS-27399; N65-10348.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51655

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TT-65-26997 Field 8G

Timofeev, B. V.; Bagdasaryan, L. L.
SUR LES RESULTATS DE LA RECHERCHE MICROPALEOPHYTOLOGIQUE DES PETROLES DE LA SIBERIE ORIENTALE. Tr. by P. Pierart. 5p. CBT-I-3.
Order from CBT: as CBT-I-3

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Another trans. in French is available from CNRS as G/R-4876, Org. 80-4515.

TT-65-30324 Field 8G

Sabo, Ya.; Barani, I.
MODELING PROBLEMS IN UNDERGROUND ELECTRICAL GEOPHYSICAL PROSPECTING BY THE RESISTANCE METHOD. 12 Feb 65, 12p, 4refs. JPRS-28743.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30324

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Geologiya i Razvedka (USSR) v7 n12 p103-9 1964

TT-65-30323 Field 8G, 8H, 9C

Dobrovolskii, L. A.
EXPERIENCE IN CONDUCTION ELECTRICAL GEOPHYSICAL PROSPECTING IN SEARCHING FOR GROUND WATER UNDER COMPLEX GEOLOGICAL CONDITIONS. 12 Feb 65, 11p. JPRS-28742.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30323

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TT-65-30348 Field 8G

Kosygin, Yu. A.; Trofimuk, A. A.
THE TECTONICS AND PROSPECTS FOR PETROLEUM AND GAS PRODUCTION OF THE PLATFORM REGIONS OF SIBERIA. 17 Feb 65, 26p, 23refs. JPRS-28791.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30348

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geofizicheskaya n1 p80-94 Jan 1965.

TT-65-30404 Field 8G

Ivochkin, V. G.
ELECTROMAGNETIC PROFILING IN GEOLOGICAL MAPPING. 26 Feb 65, 17p, 7refs. JPRS-28926.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30404

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TT-65-30498 Field 8G, 8D

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GEOLOGICAL-GEOCHEMICAL COMPARISON OF PYRITE OCCURRENCES IN CENTRAL KYZIL-KUM WITH SOME PYRITE DEPOSITS OF THE SOUTHERN URALS. 11 Mar 65, 16p, 10refs. JPRS-29092.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30498

Trans. of Uzbekskii Geologicheskii Zhurnal v8 n4 p19-29 1964.
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TT-65-30637 Field 8G, 8J, 17J

Mindeli, P. Sh.
SEISMIC METHODS TO DETERMINE BLACK SEA BASIN GRANITE-FREE REGION. 2 Apr 65, 13p, 13refs. JPRS-29400.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30637

Trans. of *Akademiya Nauk SSSR. Izvestiya. Seriya Geologicheskaya, v30 n2 p7-15 Feb 1965.
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TT-65-31007 Field 8G

Eremeev, A. N.; Solovov, A. P.
PROSPECTING FOR DEEP-SEATED ORE DEPOSITS. 17 May 65, 258p, 31refs. JPRS-30112.
Order from CFSTI or ETC: HC$6.00, MF$1.50 as TT-65-31007

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TT-65-62423 Field 8G

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-616 114

Abstract trans. of Ti Ch'iu Wu Li Hsueh Pao (Chinese People's Republic) v12 n2 p1-96 1963.
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I. Mining engineering

NCH-200 239 Field 8I, 8L, 20A

Frolov, A. D.
EVALUATION OF THE POSSIBILITIES OF THE ULTRASONIC METHOD FOR CONTROLLING THE THICKNESS AND QUALITY OF ICE-ROCK WALLS WHEN SINKING MINE SHAFTS BY THE FREEZE METHOD (K Otsenke Vozmozhnosti Ultrazvukovogo Metoda Kontrolya Tolshchiny i Kachestva Ledoporodnoi Stenki pri Prokhodke Stvolov Shakht Sposobom Zamorazhivaniya). Mar 65, 11p, 4refs. RTS-2789.
Order from NLL: 22s 6d as RTS-2789

Trans. of Merzlotnye Issledovaniya (USSR) v3 p236-44 1963

NCH-200 768 Field 8I

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EFFECT OF VOLLEY PERFORATION ON THE STRENGTH OF CASING. 1965, 7p. ATS-06S83R.
Order from ATS: $11.65 as ATS-06S83R

Trans. of Neftyanoe Khozyaistvo (USSR) v40 n11 p47-52 1962.

NCH-200 785 Field 8I

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THE DISPLACEMENT PHASE IN THE PROCESS OF LIQUID DISPLACEMENT IN A PIPELINE IN THE LAMINAR REGIME. 1965, 6p. ATS-15S83R.
Order from ATS: $7.85 as ATS-15S83R

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NCH-200 789 Field 8I

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INFLUENCE OF RESERVOIR PROPERTIES OF THE ROCK ON THE CHARACTER OF THE RELATIONSHIP BETWEEN RESISTIVITY AND WATER SATURATION. 1965, 4p. ATS-99S82R.
Order from ATS: $7.00 as ATS-99S82R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz (USSR) v7 n11 p9-12 1964.

NCH-200 791 Field 8I

Antimirov, M. Ya.
INTEGRAL MAGNITUDE OF THE HEAT LOSSES WHEN INJECTING A HOT LIQUID INTO A FORMATION. 1965, 5p. ATS-61S82R.
Order from ATS: $8.25 as ATS-61S82R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz (USSR) v7 n1 p64-8 1964

NCH-200 792 Field 8I

Ninalalov, A. T.; Gaidarov, G. M.
DETERMINATION OF COMPRESSIBILITY AND FRACTURE POROSITY IN FRACTURED-POROUS AND PURELY FRACTURED MEDIA FROM DATA OBTAINED IN EXPERIMENTAL PRODUCTION OF OIL FROM A POOL. 1965, 6p. ATS-62S82R.
Order from ATS: $8.50 as ATS-62S82R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz (USSR) v7 n12 p39-44 1964

J. Physical oceanography

TT-65-30272 Field 8J, 8C, 17A

Stas, I. I.
SOME NEW METHODS OF OCEANOGRAPHIC OBSERVATIONS. 3 Feb 65, 9p. JPRS-28615.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30272

Trans. of Okeanologiya (USSR) v4 n6 p1096-1100 1964

TT-65-30273 Field 8J

Svirenko, I. P.; Soldatov, A. V.
GEOLOGICAL INVESTIGATIONS ON THE EXPEDITIONARY SHIP 'POLYUS' IN 1963. 3 Feb 65, 9p. JPRS-28616.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30273

Trans. of Okeanologiya (USSR) v4 n6 p1 06-10 1964
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K. Seismology

TT-65-62391 Field 8K, 8M

Zhubaev, N.
STUDYING THE SHOCK WAVE PROPAGATION IN THE SOIL. 7 May 65, 16p, 5refs. FTD-TT-64-1387; AD-615 867.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-615 867

Unedited rough draft trans. of Akademiya Nauk Kazakhskoi SSR, Alma Ata. Vestnik v20 n3(228) p47-56 1964
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L. Snow, ice and permafrost

TT-65-50029 Field 8L, 4B, 8H

Milkis, B. E.
CALCULATING THE ALBEDO AND THE DENSITY OF THAWING SNOWBEDS (Raschet Albedo i Plotnosti Snezhnikov v Period Ikh Tayaniya). 1965, 14p, 9refs. SFCSI-Agr-(TT-65-50029).
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Trans. of Geograficheskoe Obshchestvo SSSR. Uzbekistanskii Filial. Izvestiya, v2(23) p86-99 1956

TT-65-50031 Field 8L

Gongadze, D. N.
SOME PROBLEMS IN THE DYNAMICS OF SNOW AVALANCHES (Nekotorye Voprosy Dinamiki Snezhnykh Lavin). 1965, 6p, 6refs. SFCSI-Agr (TT-65-50031).
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09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

NCH-200 733 Field 9A

Rusch, H.; Teuchert, W.
ELECTRICAL TERMINAL BLOCK. 1965, 3p. ATS-36S82G.
Order from ATS: $3.50 as ATS-36S82G

Trans. of Patent (Germany) 909 358.
Patented in West Germany from 10 Apr 43, opened for public inspection 6 Aug 53, granted 11 Mar 54, by Busch-Jaeger Ludenscheider Metallwerke AG.

TT-65-62392 Field 9A, 20L

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B. Computers

TT-65-11692 Field 9B

Leontev, M. E.
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Order from SLA: $3.60 as TT-65-11692

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Asoyan, L. M.; Gevorkyan, M. G.
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TT-65-62442 Field 9B, 12A

Molchanov, I. N.
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C. Electronic and electrical engineering

TT-65-30216 Field 9C

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Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-30216

Contains abstracts of articles from USSR scientific and technical journals.
Available copy will not permit fully legible reproduction.

TT-65-30239 Field 9C, 9A, 20E

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 4. 29 Jan 65, 43p. JPRS-28554.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30239

Contains abstracts of articles from East European scientific and technical journals.

TT-65-30336 Field 9C

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Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-30336

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30355 Field 9C, 9A, 20E

EAST EUROPEAN SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 5. 18 Feb 65, 39p. JPRS-28812.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30355

Contains abstracts of articles from East European scientific and technical journals.

TT-65-30358 Field 9C

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Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-65-30358

Contains abstracts of articles from USSR scientific and technical journals.
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TT-65-30440 Field 9C

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Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-30440

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TT-65-30504 Field 9C

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Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-30504

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30557 Field 9C

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30557

Contains abstracts of articles from East European scientific and technical journals.
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USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 12. 24 Mar 65, 130p. JPRS-29262.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-65-30574

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30596 Field 9C, 10A

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30596

Trans. of Elektrotehnicki Vesnik (Yugoslavia) n35 p110-1 1964.

TT-65-30718 Field 9C

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Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-65-30718

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30913 Field 9C

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D. Information theory

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E. Subsystems

TT-65-30342 Field 9E, 12A

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30342

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10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

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Order from TC: HC$19.00 as TC-691

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Order from TC: HC$6.50 as TC-753

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PROCESS FOR PRODUCTION OF MIXTURES CONTAINING POLYAMIDES AND FINELY GROUND CARBON BLACK. 1965, 5p. TC-783.
Order from TC: HC$5.50 as TC-783

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F. Metallurgy and metallography

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Mouret, M. L. P.; Potter, E.; Villa, A.; Villard, R.
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Order from SLA: $1.60 as TT-65-11720

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Patent appl. 88,920, cl 18a, gr 19 (40c, 16a) by Nihon Koshuha Jukogyo Kabushiki Kaisha, Seoul, Korea, filed 20 July 38, pub. 15 Jan 43, granted 15 Jun 43, patent effective as of 16 May 43

TT-65-30147 Field 11F, 13H

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Order from CFSTI or ETC: HC$5.00, MF$1.25 as TT-65-30147

Contains abstracts of articles from USSR scientific and technical journals.
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TT-65-30237 Field 11F, 13H

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30237

Contains abstracts of articles from East European scientific and technical journals.

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TT-65-30328 Field 11F, 13H

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Order from CFSTI or ETC: HC$6.00, MF$1.25 as TT-65-30328

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TT-65-30332 Field 11F, 13H

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TT-65-30353 Field 11F, 13H

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TT-65-30511 Field 11F, 13H

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Order from CFSTI or ETC: HC$6.00, MF$1.50 as TT-65-30511

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30617 Field 11F, 13H

EAST EUROPEAN SCIENTIFIC ABSTRACTS: METALS AND METALLURGY NO. 6. 30 Mar 65, 44p. JPRS-29353.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30617

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TT-65-30719 Field 11F, 13H

USSR SCIENTIFIC ABSTRACTS: METALS AND METALLURGY NO 7. 13 Apr 65, 312p. JPRS-29560.
Order from CFSTI or ETC: HC$7.00, MF$1.75 as TT-65-30719

Contains abstracts of articles from USSR scientific and technical journals.

TT-65-30766 Field 11F, 13H, 5C

Mityaev, N. I.; Popov, D. I.; Sklokin, N. F.
THE UTILIZATION OF FIXED PRODUCTION ASSETS IN FERROUS METALLURGY. USSR Industrial Development: Soviet Ferrous Metallurgy no. 256. 19 Apr 65, 16p, 2refs. JPRS-29653.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30766

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TT-65-62401 Field 11F

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TT-65-62402 Field 11F

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-615 876

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H. Oils, lubricants, and hydraulic fluids

NCH-200 844 Field 11H

Heise, M.
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I. Plastics

NCH-200 776 Field 11I

Nametkin, N. S.; Durgaryan, S. G.; Khotimskii, V. S.
POLYMERIZATION OF VINYLSILANES IN THE PRESENCE OF METALLIC LITHIUM. 1965, 2p. ATS-97S82R.
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Order from SLA: $1.10 as TT-65-11717

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Japanese patent 314 556 classes 26 D 7 (16 D 2) (25 H 61), by Pittsburgh Plate Glass Co., Pittsburgh, Pa., USA, patent publication Showa 38-21,900, application Showa 35-21,843, addition to application Showa 33-33,241, filed 21 Nov 58, pub. 17 Oct 63 (Priority: U.S., 22 Nov 57)

TT-65-26846 Field 11I

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TT-65-26847 Field 11I

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Order from CBT: as CBT-III-41

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TT-65-26851 Field 11I

Sokolov, L. B.; Kudim, T. V.
DE SYNTHESE VAN HOOGMOLECULAIRE AROMATISCHE POLYAMIDEN DOOR FASENGRENSPOLYCONDENSATIE IN ZUUR MIDDEN (Poluchenie Vysokomolekulyarnykh Aromaticheskikh Polyamidov Mezhfaznoi Polikondensatsie v Kislykh Sredakh). Tr. by L. Jeurissen. 12p. CBT-III-47.
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Trans. in Dutch of Vysokomolekulyarnye Soedineniya (USSR) v2 n5 p698-703 1960.
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TT-65-26852 Field 11I

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TT-65-26853 Field 11I

Kuznetsov, E. V.; Vizel, A. O.; Shermergorn, I. M.; Tyulenev, S. S.
VERBAND TUSSEN HET MOLECULAIR GEWICHT VAN POLYETHYLEENTEREFTALAAT EN DE VISCOSITEIT VAN ZIJN OPLOSSINGEN IN FENOLDICHLOORETHAAN-MENGSEL (Sootnoshenie mezhdy Molekulyarnym Vesom Polietilentereftalata i Vyazkostyu Ego Rastvorov v Smesi Fenola s Dikhloretanom). Tr. by L. Jeurissen. 8p. CBT-III-50.
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TT-65-26854 Field 11I

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ONDERZOEK VAN DE POLYCONDENSATIEREACTIE TUSSEN POLYETHYLEENTEREFTALAAT EN POLY-ORGANO-ETHOXYSILOXANEN (Issledovanie Reaktsii Polikondensatsii Polietilentereftalata i Poliorganoetoksiloksanov). Tr. by L. Jeurissen. 10p. CBT-III-51.
Order from CBT: as CBT-III-51

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TT-65-26855 Field 11I

Korshak, V. V.; Vinogradova, S. V.; Lebedeva, A. S.
HETEROKETEN POLYESTERS. XXVII. STUDIE VAN ENKELE WETTEN DER FASENGRENSPOLYESTERIFICATIE (O Geterotsepnykl Poliefirakh. XXVII. Izuchenie Nekolorykh Zokonomernostoi Polieterifikatsii, Protekayushchei na Granitse Razdela Dvukh Faz). Tr. by L. Jeurissen. 14p. CBT-III-57.
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TT-65-26859 Field 11I

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TT-65-30376 Field 13-, 1C, 18I

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Order from CFSTI or ETC: HC$6.00, MF$1.50 as TT-65-30376

Contains abstracts of articles from USSR scientific and technical journals.
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TT-65-62376 Field 13M, 13I

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SOME CHIEF RESULTS OF INVESTIGATIONS ON THE APPLICATION OF REINFORCED CONCRETE IN HEAVY MACHINE BUILDING AND PRESS CONSTRUCTION. 20 Apr 65, 47p. FTD-MT-65-55; AD-615 853.
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14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

TT-65-62390 Field 14B

Stoyanov, P. A.
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Unedited rough draft trans. of Patent (USSR) 160 780. Patent appl. no. 820653/26-10, 19 Feb 63.

C. Recording devices

TT-65-30307 Field 14C, 9E, 17B

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Order from CFSTI or ETC: HC$5.00, MF$1.00 as TT-65-30307

Trans. of mono. Magnitnaya Zapis v Avtomatike, Moscow/ Leningrad 1962, 120p.

D. Reliability

TT-65-26876 Field 14D

Gross, L. G.
OVER HET VERBAND TUSSEN DE FOTOGRAFISCHE EN FOTOELECTRISCHE GEVOELIGHEDEN VAN EEN EMULSIELAAG (O Svyazi mezhdu Fotograficheskoi i Fotoelektricheskoi Tsuvstvitel'nostyami Emulsionnogo Sloya). Tr. by J. Estercam. 5p. CBT-III-96.
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E. Reprography

NCH-200 717 Field 14E

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Order from ATS: $6.25 as ATS-65S82J

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NCH-200 773 Field 14E

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NCH-200 795 Field 14E

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NCH-200 796 Field 14E, 7C

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PHOTOGRAPHIC PROPERTIES OF MESO-ETHYL-THIACARBOCYANINE DYES. 1965, 5p. ATS-07S83R.
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NCH-200 807 Field 14E

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TT-65-26839 Field 14E

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OVER HET MECHANISME DER ACTIE VAN ORGANISCHE ANTISLUIERSTOFFEN IN DE ONTWIKKELAAR (Osvyazi Tusheniya Fluorestsentsii Sensibilizatorov Pinakriptolom Zelenym s Fotogr. Aktivnostyu). 4p. CBT-III-20.
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Order from CBT: as CBT-III-32

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TT-65-26845 Field 14E

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Order from CBT: as CBT-III-33

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TT-65-26856 Field 14E

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TT-65-26858 Field 14E

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FOTO-ELEKTRISCHE EIGENSCHAPPEN VAN ZILVER-EN THALLIUMHALOGENIDEN, AANGEKLEURD DOOR ORGANISCHE KLEURSTOFFEN (Fotoelektricheskie Svoistva Galogenidov Serebra i Talliya Okrashennykh Organicheskimi Krasitelyami). Tr. by A. Nelen. 21p. CBT-III-80.
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TT-65-26875 Field 14E

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Protas, I. R.
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BETREFFENDE DE THEORIE OVER DE WEERGAVE VAN MAGNETISCHE REGISTRATIE. Tr. by J. Estercam. 1p. CBT-III-131a.
Order from CBT: as CBT-III-131a

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Zinoveva, A. E.
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TT-65-26888 Field 14E

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TT-65-26890 Field 14E

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TT-65-26893 Field 14E

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TT-65-26896 Field 14E

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TT-65-26897 Field 14E

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TT-65-26901 Field 14E

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TT-65-26902 Field 14E

Bogolyubskii, V. A.; Grechko, L. V.
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TT-65-26907 Field 14E

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TT-65-26910 Field 14E

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INVLOED VAN DE LICHTDIFFUSIE IN DE BOVENSTE LAAG VAN MEERLAGEN FILM OP HET OPLOSSEND VERMOGEN VAN DE ONDERLIGGENDE LAAG (Vliyanie Svetorasseyaniya v Verkhnem Sloe Mnogosloinoi Plenki na Razreshayushchuyu Sposobnost' Nizhelezhashchego Sloya). Tr. by J. Estercam. 13p. CBT-III-199.
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TT-65-26911 Field 14E

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ZEKERE PROBLEMEN IN VERBAND MET DE VERBETERING VAN DE KLEURWEERGAVE EN VAN DE SCHERPTE IN POSITIEF KLEURFILMEN (Nekotorye Voprosy Uluchsheniya Tsvetoproizvedeniya i Rezkosti v Tsvetnykh Pozitivnykh Plenkakh). Tr. by J. Estercam. 15p. CBT-III-200.
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TT-65-26912 Field 14E

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TT-65-26913 Field 14E

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TT-65-26914 Field 14E

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TT-65-26916 Field 14E

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ONDERZOEK VAN DIFFUSIEVASTE REDUCTOREN VOOR MEERLAGEN KLEURFILMEN (Issledovanie Nediffundiruyushchikh Vosstanovitelei diya Tsvetnykh Mnogosloinykh Plenok). Tr. by J. Estercam. 14p. CBT-III-217.
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TT-65-26917 Field 14E

Lifshits, E. B.; Natanson, S. V.; Levkoev, I. I.
OVER DE INVLOED VAN DE DIFFUSIEVASTE KLEURKOMPONENTEN OP HET PROCES VAN DE OPTISCHE SENSIBILISATIE VAN ZILVERHALOGENIDE EMULSIES (O Vliyanii Tsvetnykh Nediffundiruyushchikh Komponent

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Neduzhii, S. A.
GEBRUIK VAN ULTRAGELUID BIJ DE FOTOGRAFISCHE EMULSIEBEREIDING (Primenenie Ultrazvuka v Protsesse Prigotovleniya Fotoemul'sii). Tr. J. Estercam. 30p. CBT-III-222.
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TT-65-26922 Field 14E

Gross, L. G.
FOTOELEKTRISCHE GEVOELIGHEID VAN DE FOTOGRAFISCHE LAAG AFHANKELIJK VAN DE CONCENTRATIE AAN SENSIBILISATOR (Zavisimost Fotoelektricheskoi Chuvstvitel'nosti Fotograficheskogo Sloya ot Kontsentratsii Sensibilizatora). Tr. by J. Estercam. 12p. CBT-III-223.
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TT-65-26924 Field 14E

Rodicheva, M. F.
ELEMENTSAMENSTELLING VAN NUCLEAIRE FOTOFRAFISCHE EMULSIES. Tr. by J. Estercam. 11p. CBT-III-225.
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22 SPACE TECHNOLOGY

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